

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Declaration for Patent Application

COPY FOR CONTINUING APPLICATION

As a named inventor, I hereby declare that:

RECEPTOR-LIGAND ASSAY

 $\,$ My residence, post office address and citizenship are as stated next to my name;

I believe I am the original, first and sole inventor (if only one name is listed) or an original, first and joint inventor (if plural names are listed in the signatory page(s) commencing at page 3 hereof) of the subject matter which is claimed and for which a patent is sought on the invention entitled

the s	pecification of whi	ch (check on	ie)				
[]	is attached hereto	•					
[X]	was filed on 19	July 1995	as Unite	d States Appli	cation		
	Number or PCT Inte					5/091	72_
	and was amended on			(if app	olicable).		
above amend	I hereby state tha -identified specifiment referred to ab	cation, incl	riewed ar uding th	nd understand the claims, as a	the content amended by	s of any	the
be ma	I acknowledge the terial to patentabi	duty to disc lity as defi	close int	formation which 37 C.F.R. §1.56	n is known	by m∈	to
liste or in	I hereby claim for \$119 of any foreig d below and have all ventor's certificat ich priority is cla	so identifle se having a f	ed below Filing da	any foreign ap ate before that		plica	ation lority
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(Numb	per)	(Country)		(Day/Month/Ye	ear filed)	_	
(Numi	per)	(Country)		(Day/Month/Ye	ear filed)	[]
I he:	reby claim the bene isional application	fit under 35 (s) listed b	U.S.C. elow.	§119(e) of any	United Sta	tes	
(App	lication Number)		(Filing	Date)			
	lication Number)		(Filing				

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information known by me to be material to patentability as defined in 37 C.F.R. §1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

08/441,629	MAY 15, 1995	PENDING
(Application Serial No.)		(Status, patented, pending, abandoned)
08/279,217 (Application Serial No.)	JULY 22, 1994 (Filing date)	U.S. PATENT NO. 5,573,944 (11/12/96) (Status, patented, pending, abandoned)
(Application Serial No.)	(Filing date)	(Status, patented, pending, abandoned)
(Application Serial No.)	(Filing date)	(Status, patented, pending, abandoned)
agent(s) to prosecute this and Trademark Office conne I also hereby grant attorney(s) and/or agent(sunder the Patent Cooperati	application and acted therewith. additional Power in the file and properties are acted to the properties and properties are acted to the properties and the properties are acted to the properties are act	the following attorney(s) and/or transact all business in the Patent s of Attorney to the following cosecute an international application upon the above-identified designated office requirements for
Leo R. Reynolds Re	eg. No. 20,884 eg. No. 32,227	Thomas O. Hoover Reg. No. 32,470 Alice O. Carroll Reg. No. 33,542 N. Scott Pierce Reg. No. 34,900 Richard A. Wise Reg. No. 18,041 Nina L. Pearlmutter Reg. No. 35,639
all of Hamilton, Brook, Sm Lexington, Massachusetts C		, P.C., Two Militia Drive,
and		
Send correspondence HAMILTON, BROOK, SMI Two Militia Drive, I	TH & REYNOLDS, P	.C.
Direct telephone cal	ls to: Patric	ia Granahan, Esg.

(617) 861-6240 (FAX: (617) 861-9540)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole			
or first inventor	Marc W. Kirschner		
Inventor's Signature Muu	h. Fruhr	_ Date	June 16,199.
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	Newton, MA 02159		
Citizenship	U.S.A.		
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Inventor's			
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	Japan		
Post Office Address			
Post Office Address	Same as above		
		······································	
Full name of third join	t		
inventor, if any			
Inventor's			
Signature		_ Date	
Citizenship			

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	RECEPTOR-LIGAND AS	SAY				
he s	specification of whi	ch (check one)				
]	is attached hereto	•				
X]	Number or PCT Inte	filed on 19 July 1995 as United States Application ber or PCT International Application Serial No. PCT/US95/09172 was amended on (if applicable).				
bove menc	I hereby state tha e-identified specifi iment referred to ab	cation, includi	red and understand the content .ng the claims, as amended by	s of the any		
e ma	I acknowledge the aterial to patentabi	duty to disclos	e information which is known in 37 C.F.R. §1.56.	by me to		
r ir	ed below and have all nventor's certificat hich priority is cla	e having a fili	pelow any foreign application ng date before that of the ap	plication		
., .,.			Application(s)			
			Application(s)	Priority Not		
- ''			Application(s)	Priority Not Claim		
	ber)		Application(s) (Day/Month/Year filed)	Priority Not		
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Numi	·	Prior Foreign (Country)	(Day/Month/Year filed)	Priority Not Claim []		
Numi Numi Numi	ber)	(Country) (Country) (Country) (Country)	(Day/Month/Year filed) (Day/Month/Year filed) (Day/Month/Year filed) (Day/Month/Year filed) S.C. §119(e) of any United Sta	Priority Not Claim [] []		
(Numi (Numi (Numi) t he: prov	ber) reby claim the benef	(Country) (Country) (Country) (Country) fit under 35 U.S (s) listed below	(Day/Month/Year filed) (Day/Month/Year filed) (Day/Month/Year filed) (Day/Month/Year filed) S.C. §119(e) of any United Sta	Priority Not Claim [] []		

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08/441.629 (Application Serial No.)	MAY 15, 1995 (Filing date)	PENDING (Status, patented, pending, abandoned)
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(Application Serial No.)	(Filing date)	(Status, patented, pending, abandoned)
(Application Serial No.)	(Filing date)	(Status, patented, pending, abandoned)

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

I also hereby grant additional Powers of Attorney to the following attorney(s) and/or agent(s) to file and prosecute an international application under the Patent Cooperation Treaty based upon the above-identified application, including a power to meet all designated office requirements for designated states:

David E. Brook Re	eq. No.	22,592	Thomas O. Hoover	Reg. No.	32,470
James M. Smith Re	eg. No.		Alice O. Carroll		
Leo R. Reynolds Re	eg. No.		N. Scott Pierce		
Patricia Granahan Re	eg. No.		Richard A. Wise		
Mary Lou Wakimura Re	eg. No.	31,804	Nina L. Pearlmutte	er Reg. No	o. 35,639

all of Hamilton, Brook, Smith and Reynolds, P.C., Two Militia Drive, Lexington, Massachusetts 02173;

and _		_
	Send correspondence to: Patricia Granahan, Esq.	_
	HAMILTON, BROOK, SMITH & REYNOLDS, P.C.	
	Two Militia Drive, Lexington, MA 02173-4799	-
	Direct telephone calls to: Patricia Granahan, Esq.	
	(617) 861-6240 (FAX: (617) 861-9540)	
	(61/) 861-6240 [FAX: (01/) 601)3-61	_

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole			
or first inventor _	Marc W. Kirschner		
Inventor's			
Signature			
Residence	20 Gralynn Road		
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Citizenship	U.S.A.		
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Full name of second j	oint		
	Noriyuki Kinoshita		
Inventor's Signature	zaki Kinoliita	Date	6/20/1997
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RESIDENCE	Fuchu, Tokyo 183, Japan		
ritizonahin	Japan		
Post Office Address _	Same as above		
Full name of third jo			
inventor, if any			
Inventor's			•
Signature		Date	
Residence			